AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A method comprising:
        storing method metadata, including a cookie indicator, in a code portion; and
        storing the code portion, in a memory, for later use.

2.   (Original)   The method of claim 1, wherein the method metadata further comprises a method handle.

3.   (Original)   The method of claim 1, wherein the method metadata comprises a magic cookie having a bit pattern non-compliant with an instruction set architecture.

4.   (Original)   The method of claim 1, wherein storing the method metadata comprises storing the method metadata at an N-aligned address of the code portion.

5.   (Original)   The method of claim 1, further comprising storing the method metadata at an end of the code portion.

6.   (Original)   The method of claim 1, wherein the code portion comprises compiled code for a method corresponding to the method metadata.

7.   (Original)   The method of claim 1, further comprising querying the code portion for the method metadata.

8.   (Original)   The method of claim 7, wherein querying the code portion comprises searching at N-aligned addresses of the code portion.

9.   (Original)   The method of claim 1, wherein storing the method metadata comprises storing the method metadata at an opposite side of a boundary location at an N-aligned address of the code portion at which a basic block is stored.

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10.   (Original)   The method of claim 1, further comprising storing the method metadata between a first basic block and a second basic block of the code portion.

11.   (Original)   The method of claim 1, further comprising using a compiler to store the method metadata in the code portion.

12.   (Original)   The method of claim 11, further comprising storing the method metadata in a basic block used for exception handling.

13.   (Currently Amended) A method comprising:

receiving a request from a requestor to query a code portion for a method bundle including method metadata;

searching the code portion for the method bundle; and

returning the method bundle to the requestor.

14.   (Original)   The method of claim 13, wherein the method metadata comprises a cookie indicator and a method handle.

15.   (Original)   The method of claim 13, wherein searching the code portion comprises searching at N-aligned addresses of the code portion.

16.   (Currently Amended) The method of claim 13, wherein searching the code portion comprises searching in an instruction cache and further wherein, the code portion comprises an instruction code.

17.   (Original)   The method of claim 13, wherein searching the code portion comprises bidirectionally searching the code portion for the method bundle.

18.   (Currently Amended) An article comprising a machine-accessible storage medium containing instructions that [[if]] when executed enable a system to:

store method metadata including a cookie indicator in a code portion; and

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store the code portion, in a memory, for later use.

19.   (Currently Amended) The article of claim 18, further comprising instructions that [[if]] when executed enable the system to store the method metadata with a magic cookie having a bit pattern non-compliant with an instruction set architecture.

20.   (Currently Amended) The article of claim 18, further comprising instructions that [[if]] when executed enable the system to store the method metadata at an N-aligned address of the code portion.

21.   (Currently Amended) The article of claim 18, further comprising instructions that [[if]] when executed enable the system to query the code portion for the method metadata.

22.   (Currently Amended) The article of claim 21, further comprising instructions that [[if]] when executed enable the system to query the code portion at N-aligned addresses.

23.   (Currently Amended) The article of claim 18, further comprising further comprising instructions that [[if]] when executed enable the system to store the method metadata between a first basic block and a second basic block of the code portion.

24.   (Currently Amended) A system comprising:
        a memory including instructions that [[if]] when executed enable the system to search a code portion for method metadata including a cookie indicator;
        a processor coupled to the memory to execute the instructions; and
        a wireless interface coupled to the processor.

25.   (Original)   The system of claim 24, wherein the method metadata comprises a magic cookie having a bit pattern non-compliant with an instruction set architecture of the system.

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26.   (Currently Amended) The system of claim 24, wherein the memory further comprises instructions that [[if]] <u>when</u> executed enable the system to search for the method metadata at N-aligned addresses of the code portion.

27.   (Currently Amended) The system of claim 24, wherein the memory further comprises instructions that [[if]] <u>when</u> executed enable the system to store the method metadata between a first basic block and a second basic block of the code portion.

28.   (Currently Amended) The system of claim 24, wherein the memory further comprises instructions that [[if]] <u>when</u> executed enable the system to search for the method metadata using one of a forward search, a backward search, or a bidirectional search.

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